



STATE DEPARTMENT OF EDUCATION

P.O. BOX 83720
BOISE, IDAHO 83720-0027

TOM LUNA
STATE SUPERINTENDENT
PUBLIC INSTRUCTION

ISAT Sample Questions: Grade 4 Mathematics

1. Toby and Tess combined their money to go to the county fair. They have one \$10 bill, one \$5 bill, three \$1 bills, five quarters, six dimes, and four nickels. How much money do Toby and Tess have all together?
 - A. \$18.05
 - B. \$19.05
 - C. \$20.05
 - D. \$21.05

2. Four friends collected 144 seashells. They want to share the seashells equally among the 4 of them. How many seashells will each friend get?
 - A. 36
 - B. 140
 - C. 148
 - D. 576

3. Which is the **best** tool to measure the weight of a watermelon?
 - A. clock
 - B. ruler
 - C. scale
 - D. thermometer

4. Seth purchased a gallon of chocolate milk. How many quarts are in 1 gallon?
 - A. 2
 - B. 4
 - C. 8
 - D. 16



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5. A class of 16 students needs to form groups of 2. To find the number of groups the class should form, the teacher divided. Which is the same as $2 \overline{)16}$?

- A. $2 \div 16$
- B. $16 \div 20$
- C. $20 \div 16$
- D. $16 \div 2$

6. Nellie has 6 chickens. Each chicken lays the same number of eggs, \triangle . The chickens lay a total of 72 eggs in a week. The equation below shows this.

$$6 \times \triangle = 72$$

How many eggs, \triangle , does each chicken lay?

- A. 12
 - B. 66
 - C. 78
 - D. 432
7. Use the table below to answer the question.

Apples Picked	
Day	Total Pounds
Tuesday	30
Wednesday	50
Thursday	70
Friday	90



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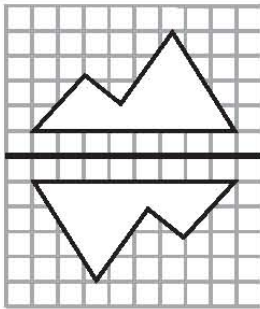
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The table shows the total pounds of apples David picked. What is the rule for the pattern in the table?

- A. add 10
- B. add 20
- C. add 30
- D. add 40

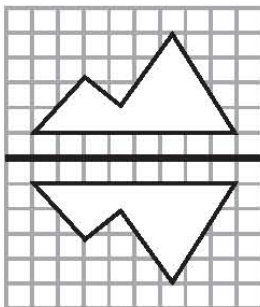
8. Ava drew a picture of mountains. She then drew another picture of mountains by sliding her first picture. Which shows a slide from mountains 1 to mountains 2?

- A. **mountains 1**



mountains 2

- B. **mountains 1**



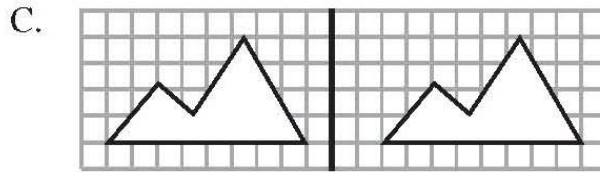
mountains 2



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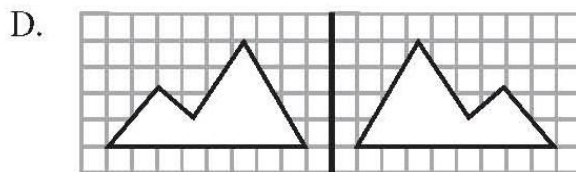
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mountains 1

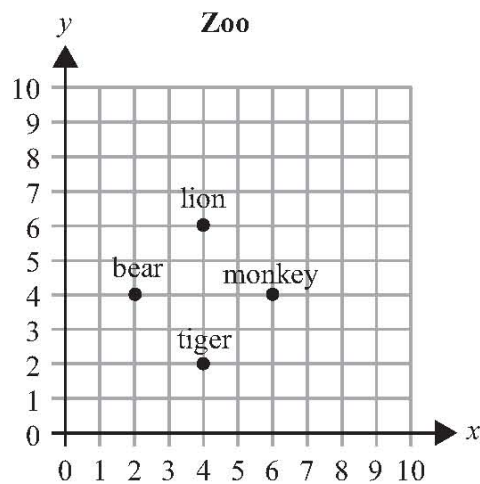
mountains 2



mountains 1

mountains 2

9. Use the grid below to answer the question.



The grid shows the places of different animals at a zoo. Which animal is at (2, 4)?

- A. bear
- B. lion
- C. monkey
- D. tiger















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10. Use the pictograph below to answer the question.

Berries Picked	
Name	Buckets of Berries
Lars	   
Kari	   
Eric	  

Key:  = 2 buckets

Lars, Kari, and Eric work at a strawberry farm. The pictograph shows how many buckets of strawberries each person picked. How many buckets did Kari pick?

- A. $3\frac{1}{2}$
- B. 4
- C. 7
- D. $7\frac{1}{2}$

11. Use the table below to answer the question.

Basketball Game	
Player	Points Scored
Kelly	17
Dave	13
Paul	15
Sue	12

The table shows the points scored by four players during a basketball game. Which bar graph shows the same information as the table?

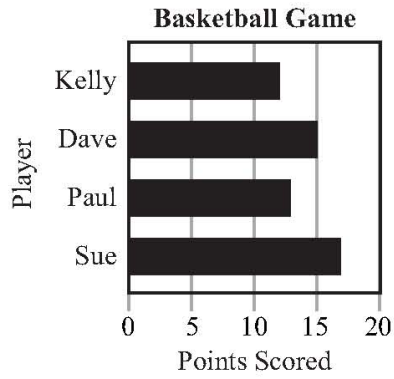


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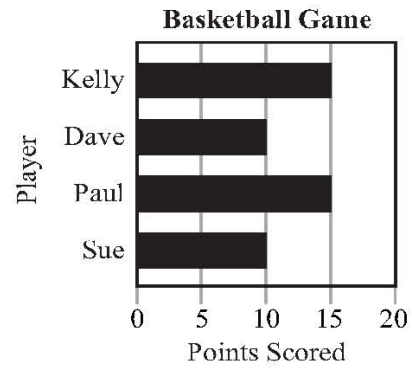
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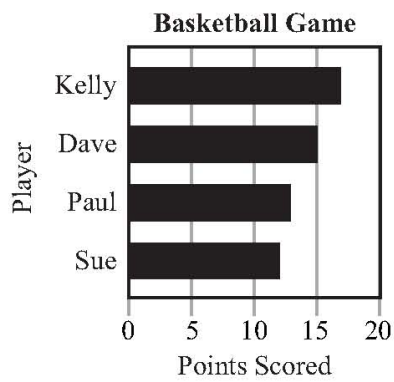
A.



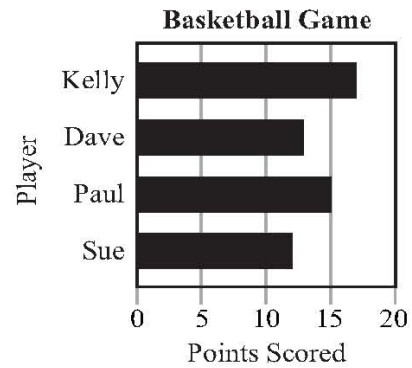
B.



C.



D.





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12. Use the table below to answer the question.

Acting Class	
Student	Age
George	6
Harold	7
Inez	8
Jim	8
Kelley	9
Linda	6
Mary	8
Owen	7

The table shows the ages of the students in an acting class. What is the mode of the ages?

- A. 6
- B. 7
- C. 8
- D. 9



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ISAT Sample Questions: Grade 4 Mathematics

Question #	Correct Answer	Standard/Goal/Objective
1	C	1.1.3
2	A	1.2.7
3	C	2.1.1
4	B	2.1.7
5	D	3.1.1
6	A	3.3.1
7	B	3.4.1
8	C	4.1.2
9	A	4.3.1
10	C	5.1.1
11	D	5.2.1
12	C	5.3.1